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Attorney Docket No. S1022/8495

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

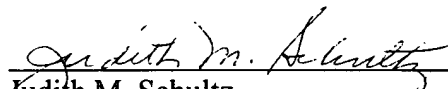
Applicant: Tomas NORDSTROM, Daniel BENGTTSSON and Olivier ISSON
Serial No.: 09/736,790
Filing Date: December 14, 2000
For: DSL TRANSMISSION SYSTEM WITH FAR-END CROSSTALK
COMPENSATION

Examiner: Unassigned
Art Unit: 2631

#3/A
hmc/audlin
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CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to Box Fee Amendment, Commissioner for Patents, Washington, D.C. 20231, on the 30TH day of January 2002.


Judith M. Schultz

Box Fee Amendment
Commissioner for Patents
Washington, D.C. 20231

PRELIMINARY AMENDMENT

Sir/Madam:

Prior to examination, please amend the above-identified application as follows:

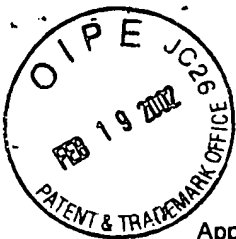
IN THE CLAIMS

Please rewrite the claims as shown.

3. (Amended) The far-end crosstalk canceling circuit of claim 1, further comprising:

storing means storing transfer matrices of the plurality of transmission channels at tones being defined by $R(f_j) = H(f_j) * S(f_j)$, where $R(f_j)$ is the vector $R(f_j) = (R_i(f_j))$ $i = 1$ to n and $S(f_j)$ is the vector $S(f_j) = (S_i(f_j))$, $i = 1$ to n , $R_i(f_j)$ and $S_i(f_j)$ being the components at tone f_j of the received discrete multitone symbol R_i and transmitted discrete multitone

A.
Cot.



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ATTORNEY'S DOCKET NO. S1022/8495

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Judith M. Schultz

BOX FEE AMENDMENT
COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

Sir:

Transmitted herewith is an amendment in the above-identified application.

The fee has been calculated as shown below:

CLAIMS AS AMENDED

| | Claims Remaining After Amendment | | Highest No. Previously Paid For | | Present Extra | Rate | Additional Fee |
|---|---|---|--|---|------------------|------|-------------------|
| TOTAL CLAIMS | 34 | - | 20 | = | 14 | X | \$ 18 = \$ 252.00 |
| INDEP. CLAIMS | 6 | - | 3 | = | 3 | X | \$ 84 = \$ 252.00 |
| MULTIPLE DEPENDENT CLAIM | | | | | | | = \$ 0.00 |
| TOTAL ADDITIONAL FEE FOR THIS AMENDMENT | | | | | | | = \$ 504.00 |

- [X] A check in the amount of \$ 504.00 is attached.
[X] Return Postcard
[X] Please charge any additional fees or credit overpayment to Deposit Account 23/2825. A duplicate of this sheet is enclosed.

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(617)720-3500
Attorneys of Record

Docket No. S1022/8495
Dated: January 30, 2002
xNDD